

Strategic International Cooperative Program (SICP)

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Contents

1. Brief Introduction

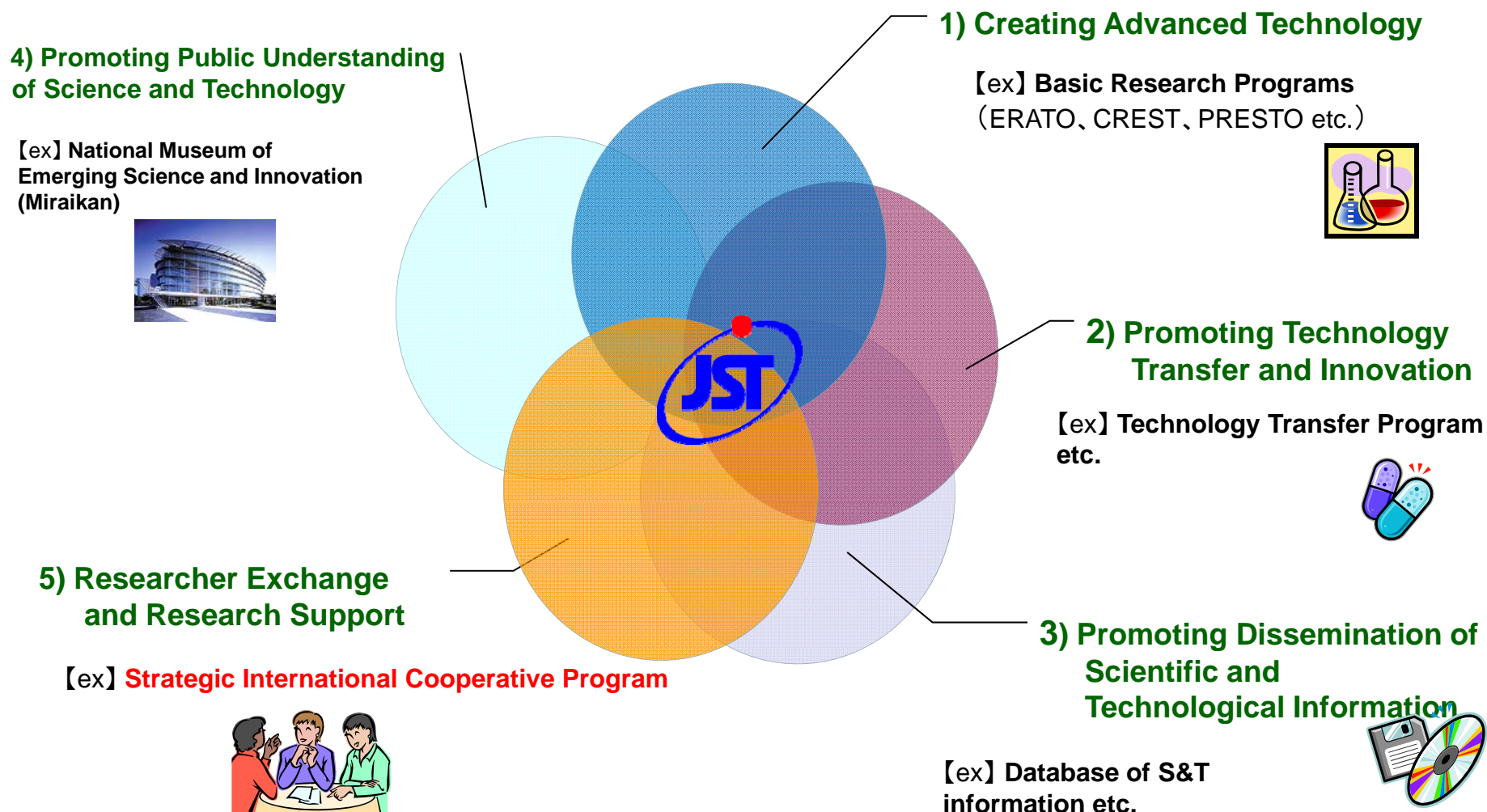
Where SICP stands within JST's activities, its budget, etc.

2. Overview of SICP

3. Small-Scale Research Exchange Type

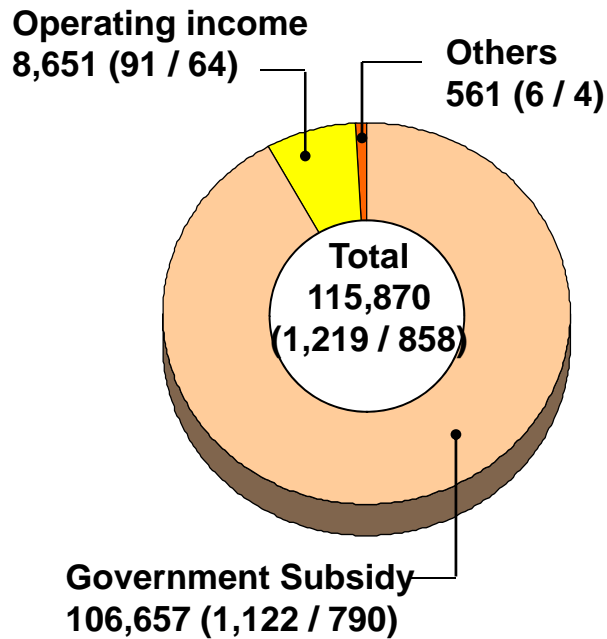
4. Large-Scale Joint Research Type

JST's Activities (Five Pillars)



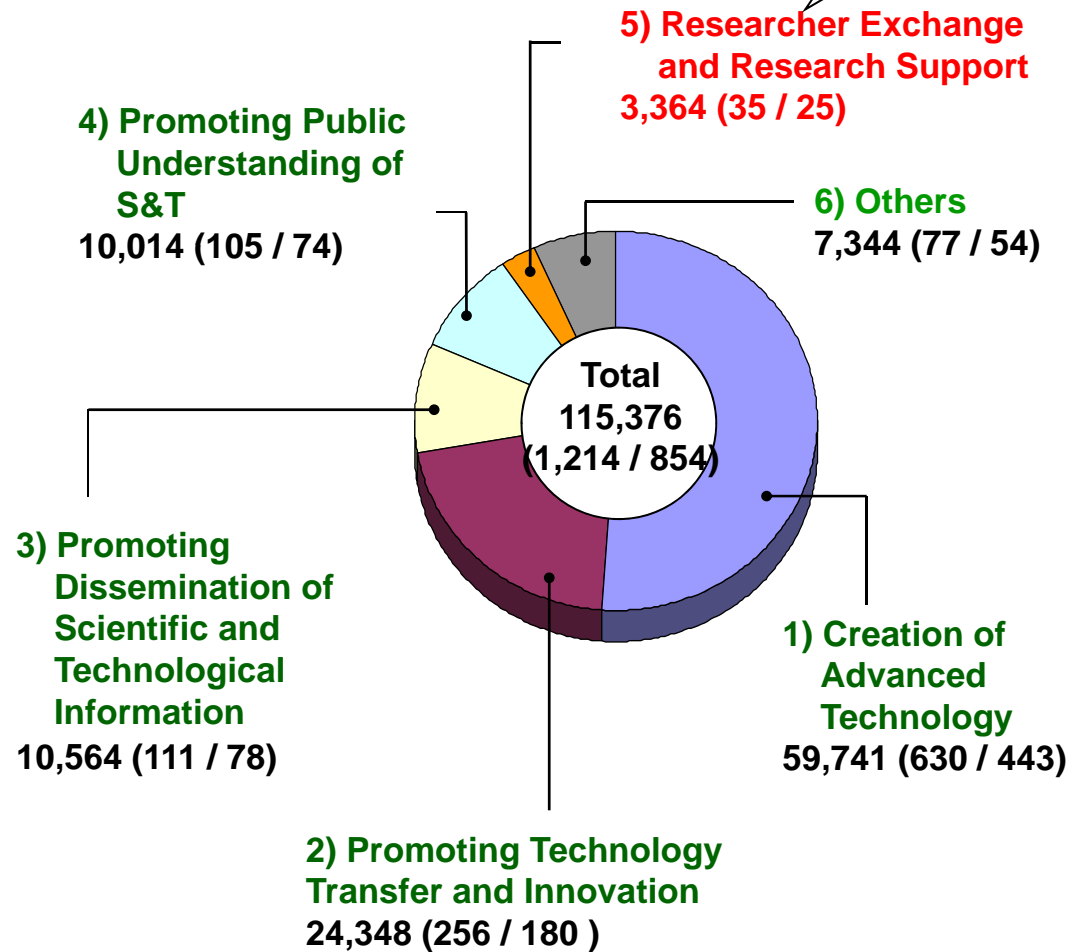
Revenue and Expenditure in FY2009 (Estimate)

About 2.9%



[Revenue]

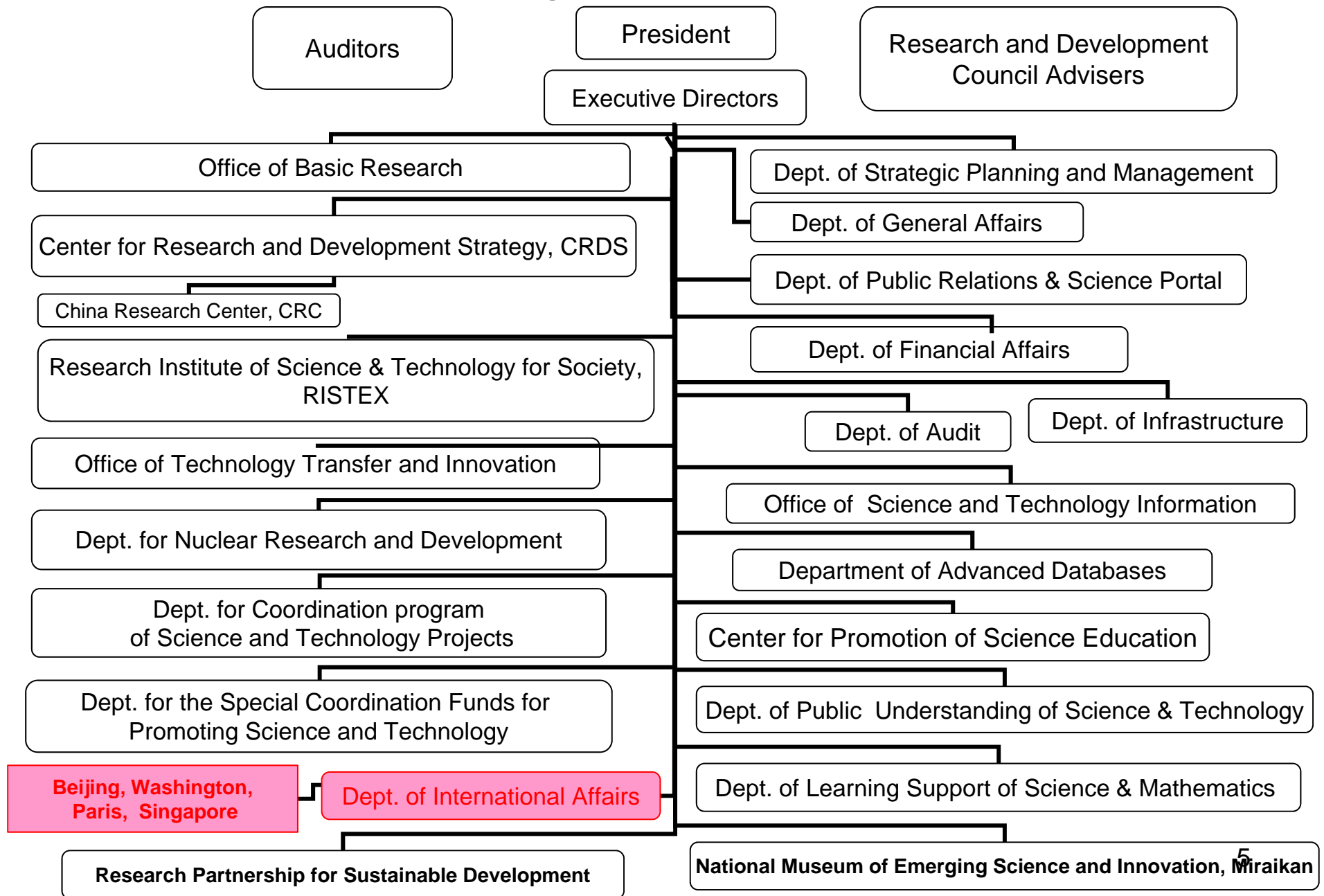
Unit: Million JPY (Million US\$ / Million EUR)



[Expenditure]

Exchange Rate: 1US\$=95JPY, 1EUR=135JPY 4

JST Organization Chart



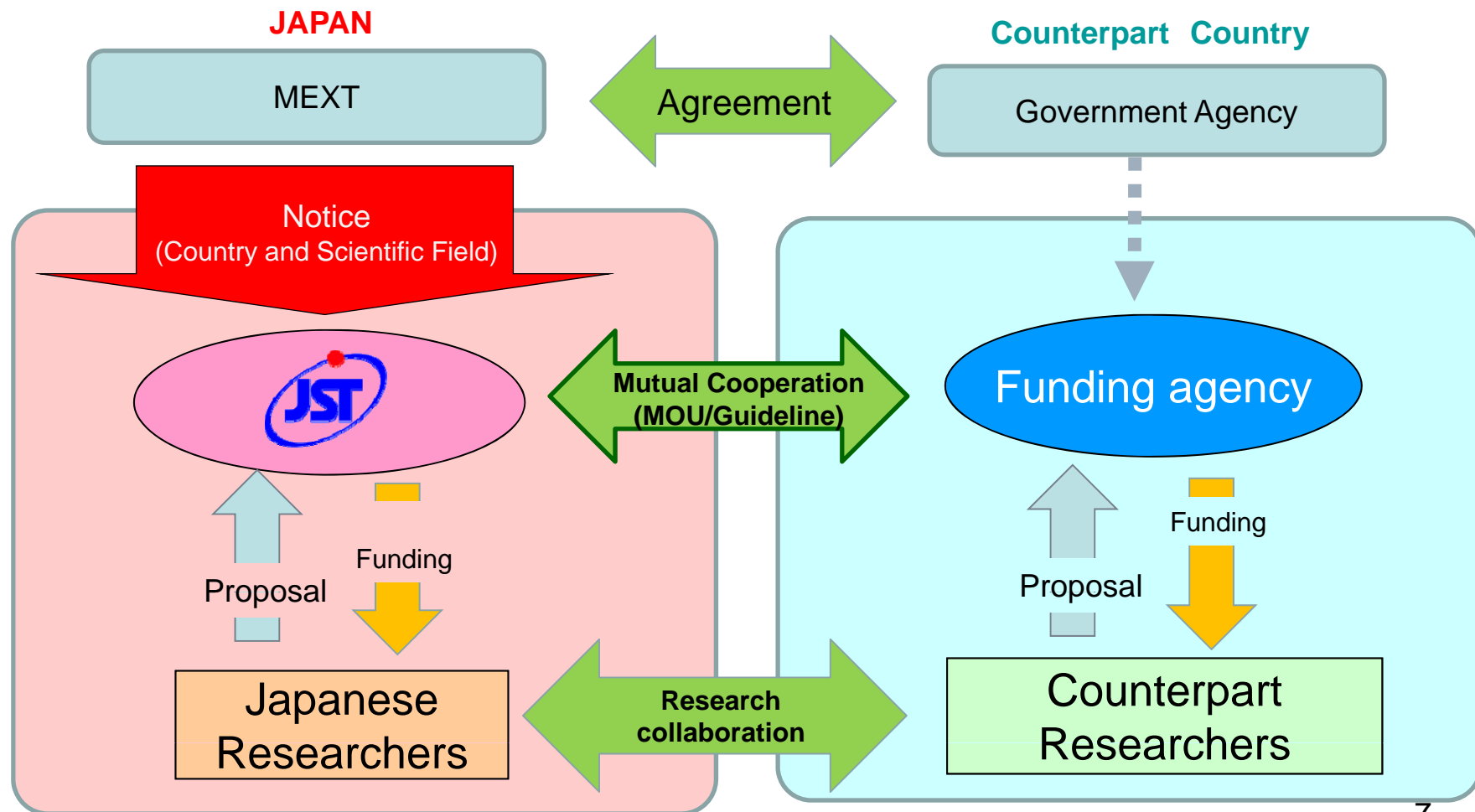
Overview of SICP

- Based on governmental agreements.
- On Japanese side, Ministry of Education, Culture, Sports, Science and Technology (MEXT) designates a country and a scientific field of cooperation, and notifies its decision to JST.
- Based on the notification from MEXT, JST launches a joint call for research proposals with a counterpart organization in the designated country, within the designated scientific field, and supports collaborative research projects.
- JST and a counterpart organization jointly organize workshops mainly to encourage applications for a joint call for collaborative research proposals.
- There are 2 types:
 - (1) Small-scale research exchange type
 - (2) Large-scale joint research type (recently started!)

Strategic International Cooperative Program (SICP)

(1) Small-Scale Research Exchange Type

1. Research fund will be mainly spent on traveling, meetings, workshops and so forth to promote research exchange activities.
2. A research budget for Japanese side is approximately 15~30 million JPY per project for 3 years.



Outline of Research Projects 1/3

As of August 2009

Country/Area		Starting Year	Research Field of Cooperation	Counterpart	No. of Supporting Projects	No. of Completed Projects
America	USA	FY 2004	Science and Technology for a Secure and Safe Society	NSF	10	9
	Brazil	FY 2009	Biomass·Biotechnology	CNPq	Under discussion	
Asia	China	FY 2004	Science and Technology for Environment Conservation and Construction of a Society with Less Environmental Burden	NSFC	15	13
		FY 2007		MOST	9	0
		FY 2009		Climate Change	Projects will be supported in FY 2009	
	Korea	FY 2007	Bio Science	KICOS	3	0
	China and Korea	FY 2004	4 projects designated by MEXT and Bioinformatics Training Course	SCBIT·KRIBB	1	4
		FY 2008	Materials	KRISS·NIM	Projects will be supported from FY 2009	
		FY 2009	Climate Change, Energy Saving, Disaster Prevention Water Cycle	MOST·NRF		
	India	FY 2007	Multidisciplinary ICT	DST	14	0
	Singapore	FY 2008	Functional Applications in Physical Sciences	A*STAR	Projects will be supported in FY 2009	
	Thailand	FY 2009	Biotechnology	NSTDA	Under discussion	

Outline of Research Projects 2/3

As of August 2009

Country/Area		Starting Year	Research Field of Cooperation	Counterpart	No. of Supporting Projects	No. of Completed Projects
Europe	United Kingdom	FY 2004	Bionanotechnology, Structural Genomics and Proteomics	BBSRC	5	14
		FY 2008	Advanced Materials	EPSRC	6	0
		FY 2008	Systems Biology	BBSRC	4	0
	Sweden	FY 2005	Multidisciplinary BIO	VINNOVA · SSF	6	15
	France	FY 2005	ICT Including Computer Science	CNRS	10	5
		FY 2007		ANR	3	0
		FY 2008	Life Science	CNRS	4	0
	Germany	FY 2007	Nanoelectronics	DFG	23	0
	Denmark	FY 2007	Life Science	DASTI	8	0
	Switzerland	FY 2008	Life Science	ETHZ	4	0
	Finland	FY 2008	Functional Materials	AF, TEKES	7	0
	Spain	FY 2008	Nanosicence and New Materials	MICINN	Projects will be supported from FY 2009	
	Croatia	FY 2008	Materials Science	MSES		
EU (FP7)	FY 2008	Environment	EC			

Outline of Research Projects 3/3

As of August 2009

Country/Area		Starting Year	Research Field of Cooperation	Counterpart	No. of Supporting Projects	No. of Completed Projects
Middle East	Israel	FY 2008	Life Science	MOST	Projects will be supported from FY 2009	
Africa	South Africa	FY 2005	1 project designated by MEXT	-	0	1
		FY 2008	Life Science	NRF	Projects will be supported from FY 2009	
Pacific	Australia	FY 2008	Marine Science	DIISR	3	0
	New Zealand	FY 2009	Bio Science and Biotechnology	FRST	Projects will be supported from FY 2009	

Example: Spain “Materials”



- April 2009

JST-MICINN Joint Workshop in Tokyo

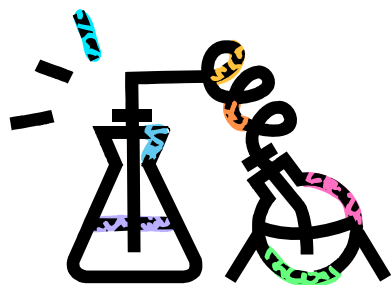
16 researchers (8 from Japanese and 8 from Spain) in the field of “Materials” introduced their researches and made a discussion on possible collaborative research projects.



Active Discussion



After the Workshop...

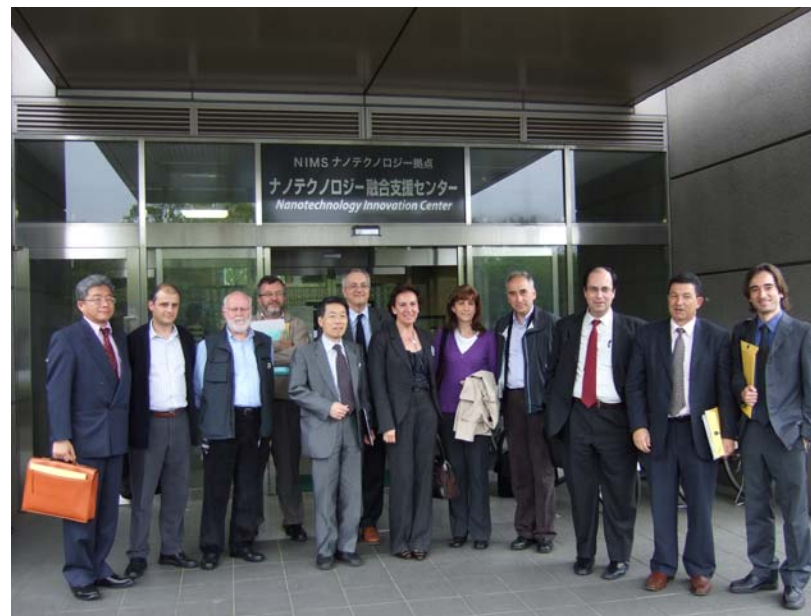


Example: Spain "Materials"

Technical tours after the workshop



International Superconductivity
Technology Center



National Institute for
Materials Science



Example: Spain “Materials”

- **April 2009**
Concluding guidelines for a joint call
- **May 13 – June 30, 2009**
A joint call “Nanotechnologies and new materials for environmental challenges”
- **Present**
Under evaluation



JST and MICINN concluded the guidelines for implementation of a joint call.

(Right) Dr. Rosa Rodríguez Bernabé
Deputy Director for International Programmes
of MICINN

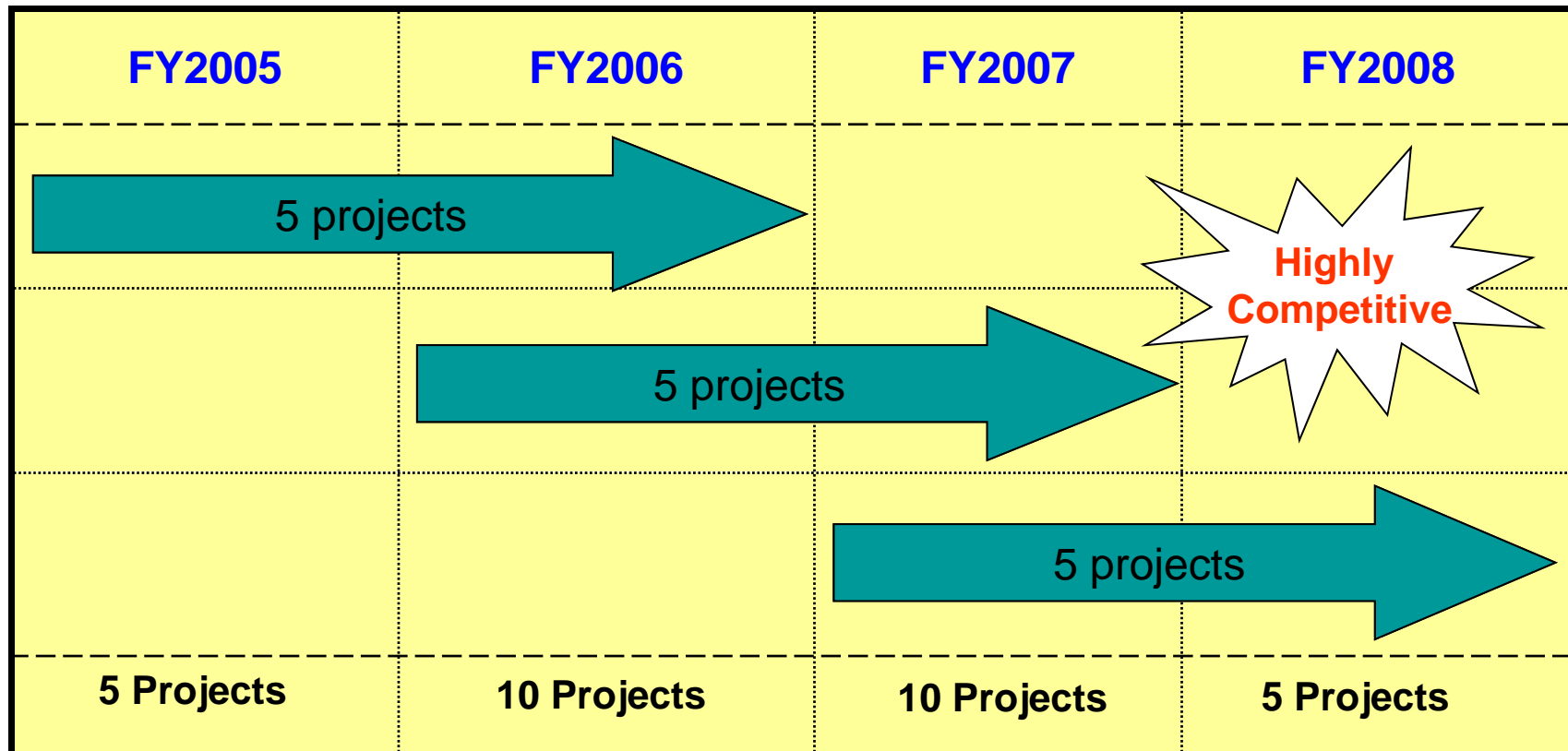
(Left) Mr. Michiaki Ohkubo,
Director of Department of International Affairs,
JST

Example: Sweden “Multidisciplinary BIO”

1st Phase: FY2004 - FY2008

- JST and VINNOVA/SSF launched 3 joint calls from FY2004 to FY2006.
- Average 40 proposals were submitted and 5 proposals were selected each year.

Number of Supported Projects



Example: Sweden “Multidisciplinary BIO”

Based on reports submitted by Japanese PIs

	FY2005	FY2006	FY2007	FY2008	Total
Researchers from Japan to Sweden	221	311	433	190	1155
Researchers from Sweden to Japan	24	98	171	190	483
Thesis and Publication	18	13	59	29	119
Presentation at Scientific Society	46	43	91	60	240
Patent	0	0	5	3	8

Unit: Man-Days

Example: Sweden “Multidisciplinary BIO”

2nd Phase: FY2009 –

December 2008

MEXT decision to continue the cooperation in the same field.

JST, VINNOVA and SSF agreed to continue their cooperation.



January – March 2009

The 4th joint call for proposals in “Multidisciplinary BIO”.
48 proposals were submitted.

April – June 2009

Evaluation.

July 2009

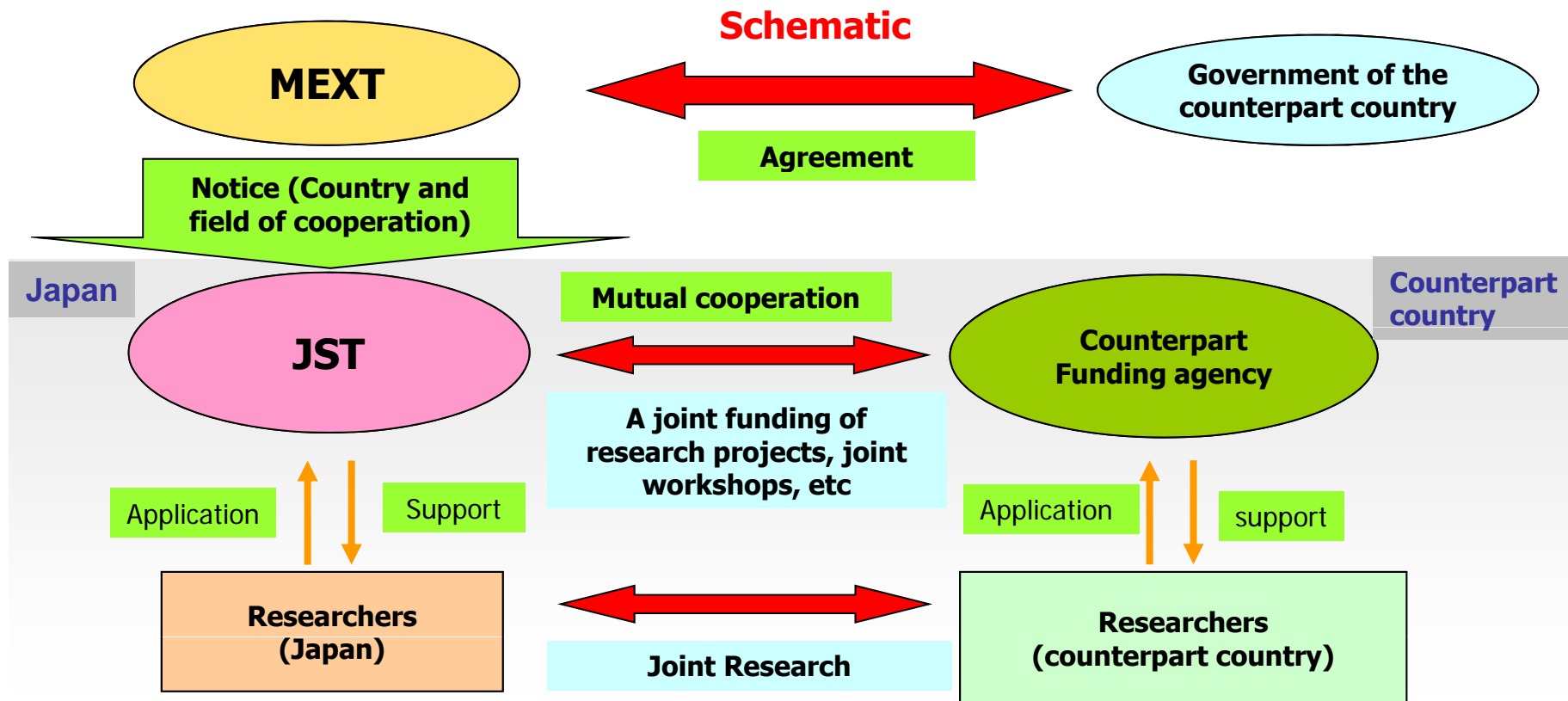
6 projects were newly selected.

Strategic International Cooperative Program (SICP)

(2) Large-Scale Joint Research Type

Overview:

- ✓ Supporting medium or large-scale joint research projects.
- ✓ Research fund will be spent on overall research activities, such as personnel expenses, research equipment, joint workshops, etc.
- ✓ A research budget for Japanese side is up to 100 million JPY/ project / year, and the support continues for 3 – 5 years.



Thank you

谢谢

Gracias

Danke

Merci

Спасибо

Dank

Tack

ขอบคุณค่ะ

kiitos

Dankie

شُكْرًا.

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